

ABSTRACT

A method for manufacturing a clutch suction disk for an air compressor of a vehicle air conditioner comprises the steps of : punching a solid round cylindrical steel bar so that the steel bar to be flattened; forming a recess in a central axis of the flattened steel cylinder by cool forge; expanding a bottom of the steel bar as a disk which expands out of a lower end of the flattened steel cylinder; folding an outer side of the disk upwards so as to form an outer cylinder which encloses the flattened steel cylinder by a further cool forge; punching a bottom of the recess so that the bottom descends downwards to be lower than a bottom of the outer cylinder; and forming a round hole with a predetermined diameter at the bottom of the recess.